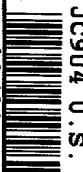


11-30-01

A

 JC904 U.S. PTO 11/28/01	<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <b>(Large Entity)</b> (Only for new nonprovisional applications under 37 CFR 1.53(b))	Docket No. 30-4969 CIP1
		Total Pages in this Submission 46

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**SUPPORTED CATALYST SYSTEMS**

and invented by:

**R. Thompson, R. Robinson, D. Nalewajek, K. Cook**jc564 U.S. PTO  
09/997024  
11/28/01If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/617,893

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having \_\_\_\_\_ pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☐ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
30-4969 CIP1

Total Pages in this Submission

46

**Application Elements (Continued)**

3. ☐ Drawing(s) *(when necessary as prescribed by 35 USC 113)*

a. ☐ Formal Number of Sheets \_\_\_\_\_

b. ☐ Informal Number of Sheets \_\_\_\_\_

4. ☒ Oath or Declaration

a. ☐ Newly executed *(original or copy)* ☒ Unexecuted

b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*

c. ☐ With Power of Attorney ☐ Without Power of Attorney

d. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

☐ Incorporation By Reference *(usable if Box 4b is checked)*

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ Computer Program in Microfiche *(Appendix)*

7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*

a. ☐ Paper Copy

b. ☐ Computer Readable Copy *(identical to computer copy)*

c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & document(s))*

9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*

10. ☐ English Translation Document *(if applicable)*

11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

☐ First Class ☒ Express Mail *(Specify Label No.):* EL729185424US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
30-4969 CIP1

Total Pages in this Submission

46

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Additional Enclosures *(please identify below):*

A copy of the Petition for 3-Month Extension of Time filed on even date herewith. Such petition establishes co-pendency of the instant application with Application No. 09/617,893 (Docket No. 4969)

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

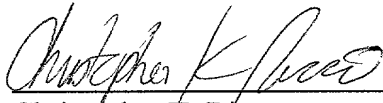
***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10**

EL729185424US  
Express Mail Label Number

**Docket No. 30-4649 CIP1**  
**(S&L Docket No. P23762-A USA)**

I hereby certify that the attached Utility Patent Application Transmittal Letter for Large Entity Concerning Filing Under 35 U.S.C. 111 and 37 C.F.R. 1.53(b), including a duplicate copy of the Transmittal Letter, Copy of Reply to Office Action dated June 28, 2001 and Petition for Two-Month Extension, Patent Application, Declaration and Power of Attorney for Patent Application, and acknowledgment postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to the Box Patent Application, Commissioner for Patents, 2900 Crystal Drive, Arlington, VA 22202-3513 on November 28, 2001.



Christopher K. Ricco  
Synnestvedt & Lechner LLP  
2600 Aramark Tower  
1101 Market Street  
Philadelphia, PA 19107-2950

Telephone: (215) 923-4466  
Facsimile: (215) 923-2189

Docket No.  
30-4969 CIP1

Total Pages in this Submission

46

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**SUPPORTED CATALYST SYSTEMS**

and invented by:

**R. Thompson, R. Robinson, D. Nalewajek, K. Cook**If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/617,893

Which is a:

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Which is a:

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Enclosed are:

**Application Elements**☒ Filing fee as calculated and transmitted as described below2. ☒ Specification having \_\_\_\_\_ pages and including the following:

- a. ☒ Descriptive Title of the Invention
- b. ☒ Cross References to Related Applications (if applicable)
- c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
- d. ☐ Reference to Microfiche Appendix (if applicable)
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- g. ☐ Brief Description of the Drawings (if drawings filed)
- h. ☒ Detailed Description
- i. ☒ Claim(s) as Classified Below
- j. ☒ Abstract of the Disclosure

COPY

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
30-4969 CIP1

Total Pages in this Submission

46

## Application Elements (Continued)

3. ☐ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☐ Formal      Number of Sheets \_\_\_\_\_
- b. ☐ Informal      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☐ Newly executed (original or copy)      ☒ Unexecuted
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- c. ☐ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
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incorporated by reference therein.
6. ☐ Computer Program in Microfiche (Appendix)
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- b. ☐ Computer Readable Copy (identical to computer copy)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

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8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail (Specify Label No.): EL729185424US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
30-4969 CIP1

Total Pages in this Submission

46

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Additional Enclosures *(please identify below):*

A copy of the Petition for 3-Month Extension of Time filed on even date herewith. Such petition establishes co-pendency of the instant application with Application No. 09/617,893 (Docket No. 4969)

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17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

*An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.*

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
30-4969 CIP1

Total Pages in this Submission

46

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	39	- 20 =	19	x \$18.00	\$342.00
Indep. Claims	4	- 3 =	1	x \$80.00	\$80.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$710.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$1,132.00

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **19-5425** as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of **\$764.00** as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Dated: November 28, 2001

Brett T. Freeman, Reg. No. 46,709  
Synnestvedt & Lechner LLP  
2600 Aramark Tower, 1101 Market Street  
Philadelphia, PA 19107-2950  
Telephone: 215-923-4466  
Facsimile: 215-923-2189

cc:



**COMBINED AMENDMENT & PETITION FOR EXTENSION OF  
TIME UNDER 37 CFR 1.136(a) (Large Entity)**

Docket No.  
30-4969

In Re Application Of: **R. Thompson, R. Robinson, D. Nalewajek, K. Cook**

Serial No.  
**09/617,893**

Filing Date  
**July 17, 2000**

Examiner  
**J. Pasterczyk**

Group Art Unit  
**1755**

Invention: **SUPPORTED CATALYST SYSTEMS**

jc564 U.S. PTO  
09/997024  
11/28/01

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

This is a combined amendment and petition under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of **June 28, 2001** in the above-identified application.  
*Date*

The requested extension is as follows (check time period desired):

☐ One month    ☒ Two months    ☐ Three months    ☐ Four months    ☐ Five months

from: **September 28, 2001**    until: **November 28, 2001**  
*Date*    *Date*

The fee for the amendment and extension of time has been calculated as shown below:

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	28 -	28 =	0	x \$18.00	\$0.00
INDEP. CLAIMS	2 -	2 =	0	x \$80.00	\$0.00
FEE FOR AMENDMENT					\$0.00
FEE FOR EXTENSION OF TIME					\$400.00
TOTAL FEE FOR AMENDMENT AND EXTENSION OF TIME					\$400.00

**COPY**

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF  
TIME UNDER 37 CFR 1.136(a) (Large Entity)**

Docket No.  
30-4969

jc564 U.S. PTO  
09/997024  
11/28/01

The fee for the amendment and extension of time is to be paid as follows:

- ☒ A check in the amount of **\$400.00** for the amendment and extension of time is enclosed.
- ☐ Please charge Deposit Account No. **19-5425** in the amount of **\$400.00**  
A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.  
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.
- ☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. A duplicate copy of this sheet is enclosed.

*Brett T. Freeman*

Signature

Dated: **November 28, 2001**

**Brett T. Freeman, Reg. No. 46,709**  
**Synnestvedt & Lechner LLP**  
**2600 Aramark Tower**  
**1101 Market Street**  
**Philadelphia, PA 19107-2950**  
**Telephone: 215-923-4466**  
**Facsimile: 215-923-2189**

CC:

I certify that this document and fee is being deposited  
~~on~~ November 28, 2001 with the U.S. Postal Service as  
first class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

*Barbara G. Makariou*

Signature of Person Mailing Correspondence

**Barbara G. Makariou**

Typed or Printed Name of Person Mailing Correspondence